

ARMY EARTH DAY 2011



**SUSTAINING THE ENVIRONMENT
FOR A SECURE FUTURE**

WWW.STEWART.ARMY.MIL/DPW/EN.ASP





Environmental Division

Celebrate



Earth Day!

Celebrate Earth Day Every Day with the Directorate of Public Works!

Earth Day reminds us of the need to continue our care of the environment and to realize how care is vital to the Earth and our safety.

Earth Day also serves to remind us that Fort Stewart-Hunter Army Airfield is blessed with a diverse and rich environment that has been entrusted to our care by our country.

Earth Day is a global effort ... but it begins in our home. We need your commitment to help protect all our entrusted resources, not just on Earth Day, but everyday!

ENVIRONMENTAL
DIVISION DPW



Come Join Us!

We have partnered with the Directorate of Family and Morale, Welfare and Recreation, for an Easter Egg Hunt and Earth Day Festival!

Fort Stewart

Bennett Sports Complex

April 23 • 11 a.m.-2 p.m. (concert immediately following)

Hunter Army Airfield

Squire Sports Complex

April 23 • 10 a.m.-2 p.m.



For more information concerning Fort Stewart-Hunter Army Airfield Environmental Programs, visit our Web site at:

www.stewart.army.mil/dpw/EN.asp

Sustainability Management System

Our Sustainability Management System objectives are to:

- Reduce training restrictions through proactive management of our Threatened and Endangered Species
- Divert 50 percent of municipal solid waste, and;
- Reduce water usage by two percent annually

We request you help us by:

- Protecting our Threatened and Endangered Species. Be mindful of restrictions around Threatened and Endangered Species habitats when working in the training areas.
- Recycling at work and at home. Keep waste and recyclables separate. This prevents contamination of the recyclables and improve the ability to sell those recyclables.
- Conserving water. The average American uses 60 gallons of water each day. That doesn't include car washing and lawn watering. Think about how you can cut down on the amount of water you use.

Conserve energy and water! The less you use, the more you save!



For more information concerning Fort Stewart-Hunter Army Airfield Environmental Programs, visit our Web site at:

www.stewart.army.mil/dpw/PC_Sustainability.asp





Fishing on Fort Stewart



Fishin' Facts and Tidbits:

- Annual Kids Fishing Events (KFEs) are held at both Fort Stewart and Hunter Army Airfield. The summer KFE's will be held June 11 at Pond 24 on Hunter Army Airfield and June 25 at Pond 30 on Fort Stewart.
- On Fort Stewart-Hunter Army Airfield, 83 different species of fish are found. (This is more than at the Okefenokee Swamp!)
- The Canoochee River has some of the finest redbreast sunfish fishing in Georgia. The fish seem to bite better in late spring and early summer.
- The shortnose sturgeon, an endangered fish, can be found in Fort Stewart's Ogeechee and Canoochee Rivers.
- Recycled 'live' Christmas trees are sunk to create additional fish habitats in many of our ponds.



For more information concerning Fort Stewart-Hunter Army Airfield Environmental Programs, visit our Web site at:

www.stewart.army.mil/dpw/FW.asp

Hunting Highlights and Critter Claims

- Reported annual deer harvest: 700-800 deer
- Reported annual feral hog harvest: 300-400 hogs
- The average reported turkey harvest was 144 gobblers/year for the last 5 years.
- Annual supplemental plantings for game species found on Fort Stewart:
 - Cool Season Food Plots: 200-250 acres
 - Dove Fields: 100-150 acres
 - Warm Season Food Plots: 75-100 acres
- Wood ducks are our most common ducks on Fort Stewart.



Anyone hunting on the Installation must possess:

- ☐ Hunter Safety Course Certificate
- ☐ Valid Georgia Hunting License
- ☐ Fort Stewart Hunting Permit



For more information concerning Fort Stewart-Hunter Army Airfield Environmental Programs, visit our Web site at:

www.stewart.army.mil/dpw/FW_Hunting.asp



Forestry: Timber Management

- Timber management is the art and science of applying silvicultural methods (timber thinnings, prescribed burning, regeneration) to the forest which leads to a desired end result.



- The Forestry Branch maintains an active and extensive timber management program, typically harvesting between 5,000 and 6,000 acres annually.

- The specific reasons for harvesting timber on the installation are to improve, maintain and support military training on the forest landscape; to enhance threatened and endangered species habitat; southern pine beetle control; game management and the removal of undesirable tree species.



- After operating costs are deducted, 40 percent of the revenue generated from forest product sales on Fort Stewart-Hunter Army Airfield are distributed among Liberty, Bryan, Long, Evans, Tattnall, and Chatham counties.

- The success of this forestry program can be measured by the installation's immensely valuable forest resources, excellent military training platform, healthy ecosystem and sustainable flow of forest product to the economy.

"Timber management is the art and science of applying silvicultural methods"

Forestry: Controlled Burning



"Typically, Fort Stewart burns between 100,000 and 120,000 acres annually"



CONTROL
BURNING

- Controlled burning is a managed burn that uses low intensity fire to improve military training grounds and wildlife habitats.

- Fort Stewart burns between 100,000 and 120,000 acres annually.

- Reasons for burning include hazardous fuel reduction, longleaf pine regeneration, ecosystem management and removal of undesirable hardwoods.

- Depending on specific objectives, burns may be conducted throughout the year, but are most commonly done from winter through spring.

- Since safety is the number one priority, weather information is gathered and monitored by fire planners to greatly reduce the possibility of smoke impacting sensitive areas.

- Burning efforts contribute to the increased population of Fort Stewart's federally endangered Red-cockaded Woodpecker.

CAUTION
SMOKE
AND FOG
AHEAD



"Each proposed burn goes through a rigorous smoke screening process"

For more information concerning Fort Stewart-Hunter Army Airfield Environmental Programs, visit our Web site at:

www.stewart.army.mil/dpw/FO.asp

Threatened and Endangered Species

One third of all plant species known to occur in Georgia can be found on Fort Stewart.



Conservation Curios!

- The threatened eastern indigo snake is the longest non-venomous snake in North America, rising 8 feet or more.
- At least one pair of bald eagles has been nesting on Fort Stewart since 1994. They have raised one to two eaglets almost every year.
- The endangered wood stork forages in shallow water by stirring the water with its feet and sweeping the water with its beak to snap up prey.
- Artificial cavities are inserted in live pine trees to improve habitat for the federally endangered red-cockaded woodpeckers and help them expand their populations.
- Due to the success of Fort Stewart's RCW recovery efforts, the installation is able to provide other organizations and military installations with RCW potential breeding pairs, in hopes that they will assist in the recovery of other RCW populations.
- Other threatened and endangered species found on Fort Stewart include the shortnose sturgeon, gopher tortoise, and frosted flatwoods salamander.



• Since 1994, Fort Stewart's RCW population has nearly doubled in size, growing from 157 potential breeding groups (PBGs) to 307 as of December 2010.

• On Dec. 21, 2010, the U.S. Fish and Wildlife Service and Fort Stewart/Hunter Army Airfield agreed on a plan to RCW clusters.

• The Installation's RCW population is expected to continue growing and reach the 350 PBG recovery goal in 2015, resulting in further elimination of training restrictions.

Wetlands



- **Wetlands constitute roughly one third of the installation.**

- **These areas are normally protected and off limits to certain activities. However, due to the efforts of the Directorate of Public Works Environmental Division staff, the installation is able to prevent any training restrictions associated with Wetland areas.**



- **Wetlands provide habitat and breeding ground for all kinds of wildlife, including some of our local exotic species.**

- **Wetlands also filter our water supply, and reduce the destructive power of storms that threaten areas inhabited by humans.**



Recycling

THE RECYCLING PROGRAM NEEDS YOUR HELP!

Fort Stewart and Hunter Army Airfield along with all federal installations must reduce their waste by 50%. Recycling at home and on the job is the easiest way to accomplish this requirement. Not only does recycling benefit our environment, but it is MANDATORY.

WHAT CAN BE RECYCLED: HOW TO RECYCLE

PAPER ITEMS

Junk Mail/Office paper, newspaper, magazines, includes inserts.

How: Recycle in Clear Plastic Bags



PLASTIC, CANS & BOTTLES

Bottles and jugs marked #1, #2, or #5.

How: All Bottles, Cans and Jugs Rinsed with Caps and Lids Removed



PRINTER/ TONER CARTRIDGES

Computers/Printers, Keyboards/Electronic Motors, Telephones/VCRs, Modems/Hard Drives, Batteries, tape both ends. No Govt. Equipment.

How: Bring to scrap metal yard at:
FS: Italy St., Bldg. 1143;
HAAF: Drop-off Ctr. on Westley Ave., Bldg. 727



CARDBOARD BOXES

Shoe boxes/Cereal boxes, microwave boxes, all food boxes.

How: Breakdown all Boxes and Cardboard then Flatten



Attn: 24-hour Convenience Off-Post Recycling is Authorized/Accepted
Fort Stewart: PX Parking Lot & McFarland/Sigma St. Hunter Army Airfield: Westley Ave Drop-Off Ctr, Bldg. 727

Sustainability Starts Here...with You! Fort Stewart and Hunter Army Airfield along with all federal installations must divert 50 percent of waste. Recycling at home and on the job is the easiest way to accomplish this requirement. Not only does recycling benefit our environment, but it is MANDATORY.

Phone: 912-767-6573/2188/8880

www.stewart.army.mil/dpw/PC_Recycling.asp

Recycling Facts:

- The average person throws away four pounds of garbage PER DAY. Paper is the most common item found in our trash.
- Product packaging accounts for 1/3 of our trash.
- Solid waste disposal is the third largest municipal government expense after police protection and education.
- Recycling all of your home's waste newsprint, cardboard, metal and glass can reduce carbon dioxide emissions by 850 pounds per year.

Recycling Convenience Centers (Locations listed below)

Fort Stewart

- PX parking lot
- Corner of McFarland and Sigma Street
- Parking lot near building 1190 on Bultman Avenue

Hunter Army Airfield

- PX parking lot near building 6020
- McArthur Circle (behind building 610)

Set up a Recycling Station of Your Own!



**For more information call
912-767-6573/2188**

**Sign up for the recycling tour
and learn how to reduce waste!**

**To schedule a tour, call
Johnny Davis
912-767-6573/2188**

Points to consider:

- Recycling reduces the amount of waste being landfilled, and extends the life of the landfill
- Recycling costs less than landfilling and recycled materials can be sold to manufacturer's for a large profit.
- Recycling helps conserve natural resources by reducing the need for raw materials.
- Recycling helps conserve energy! It takes less energy to recycle aluminum than to make it from raw material.



ENVIRONMENTAL VIDEOS

Do you have questions about how to recycle certain items? Would you like to know how to protect yourself from identity theft when recycling paper? Do you want to save money on your power bill? For answers to these and many other questions related to the environment, just visit the web site listed below or watch the weekly Marne Report.



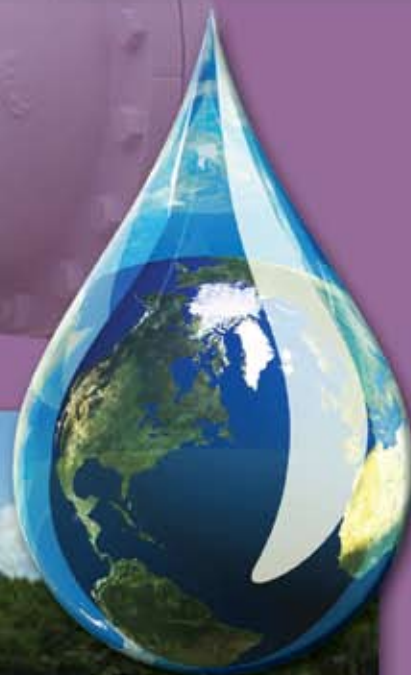
For more information concerning Fort Stewart-Hunter Army Airfield Environmental Programs, visit our Web site at:

www.stewart.army.mil/dpw/PC_Recycling.asp



Working Together to Conserve Water

Fort Stewart and the City of Hinesville are working together to install reuse water piping (purple piping) to distribute water from a Hinesville wastewater treatment plant to our golf course and central energy plant, eliminating the use of potable water. This partnership has saved the central energy plant 6 million gallons of potable water and 31.8 million gallons for the golf course.



You can help by conserving water at home!



Make Every Watering Count
Water your lawn slowly, thoroughly and as infrequently as possible. Water at night to minimize evaporation. Aerate your lawn, use drip irrigation systems and water timers.



Consumers can cut water use by 15 percent through conservation practices.

Save Energy and the Environment



- If you need to purchase a gas oven or range, look for one with an automatic (electronic) ignition system instead of pilot lights. You'll save an average of up to a third of your gas use, 41 percent in the oven, and 53 percent on the top burners.



- Turn off your lights and appliances when you don't need them. Consider three-way lamps; they make it easier to keep lighting levels low when brighter light isn't necessary.



- Use a kettle or cover the pan when boiling water. Water will come to a boil faster and use less energy than if brought to a boil in an uncovered pan.



- If your clothes dryer has an automatic dry cycle, use it. Over-drying merely wastes energy.



- Turn computers and computer monitors off during the day when they aren't being used for extended periods of time.

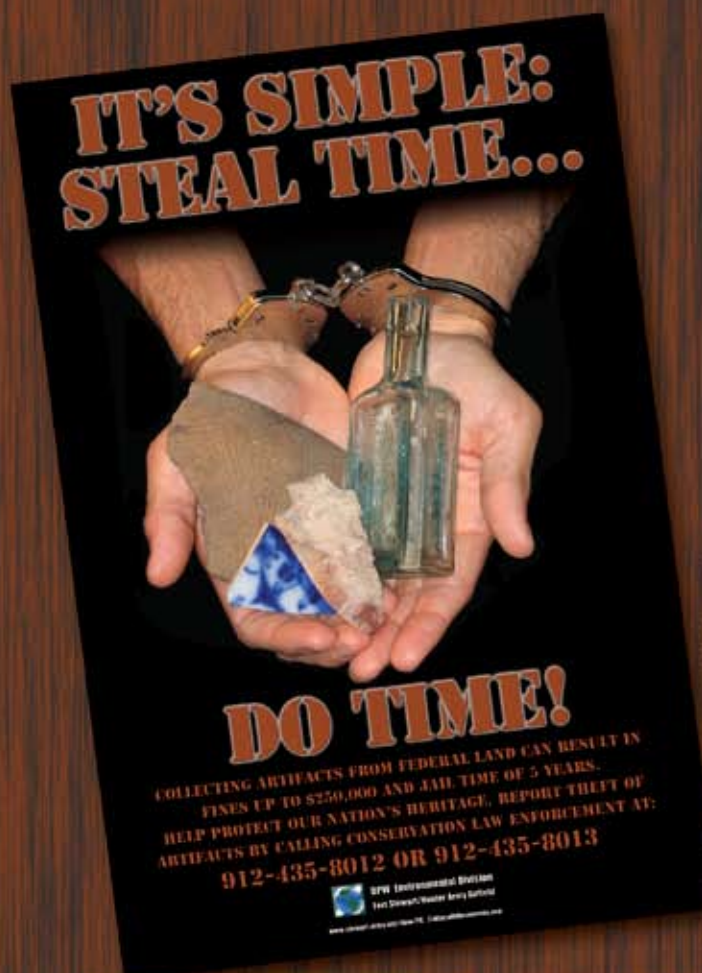


Don't Forget to Recycle!



Cultural Resources Management (CRM)

At Fort Stewart-Hunter Army Airfield:



- CRM has surveyed approximately 80 percent of the installation for cultural resources
- Over 3,500 archaeological sites documented to date, of which 256 sites and 62 cemeteries are off limits to training (minimal cumulative impact to training)
- Historic buildings:
 - 1 at Fort Stewart (Glisson's Store)
 - 28 at Hunter Army Airfield
- Through pro-active cultural resource surveys and site testing, CRM achieves both missions of sustainable ranges and resource stewardship



Help Protect our Cultural Resources:

- No training is allowed within 200 feet of cemeteries.
- No vehicles or diggings are allowed within archeological sites.
- If you accidentally dig or drive into a known site, or accidentally find a previously undiscovered site, STOP ALL ACTIVITY, mark the site, contract Range Control and seal off the area.



The Environmental Compliance Officers Course...



is a 40-hour course held quarterly at Fort Stewart-Hunter Army Airfield for Soldiers (Sergeant and above), civilian employees, and contractors. The course covers:

- Environmental regulations
- Procedures and issues concerning the motorpools
- Hazardous waste

To register for the next course, call 912-767-3388.

IN THE EVENT OF A SPILL, FOLLOW THESE STEPS:

In Garrison:

- Attempt to stop the leak/spill
- Notify 911 Dispatch
- Attempt to contain/leak spill
- Clean up area and dispose of waste at building 1157 on Fort Stewart and PDO Yard (building 726) on Hunter Army

Airfield

In the field: (Any amount of Spill)

- Notify Range Control

Additional Environmental Courses...

Sustainability Management System Training

Fort Stewart-Hunter Army Airfield has established annual Sustainability Management System (SMS) training in accordance with ISO 14001. All personnel who work on Fort Stewart-Hunter Army Airfield must complete this training. For more information on how to complete this requirement, please visit:

www.stewart.army.mil/dpw/PC_Sustainability_Training.asp.

Recycling Compliance Person Training

Course Dates Calendar Year 2011

April 27	August 24
May 25	September 28
June 29	October 26
July 27	November 30
	December 28

Classes are held in the Forestry classroom (building 8065)

For more information, call 912-767-6573/8880.



Is for...

Habitat



Water is the habitat for fish
and many kinds of plants.

